



VertiGRAFT®

VG1® Laminoplasty

Clinical Overview

Solid, one piece cortical construct designed to provide biomechanical strength, predictable decompression and lamina reconstruction for Laminoplasty procedures

Applications

- Posterior Cervical Laminoplasty, for use with DePuy Synthes ARCH™ Fixation System

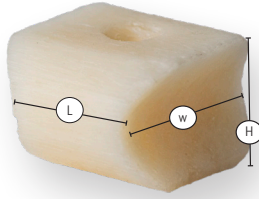
Why Use

- **Sterile:** Sterilized using proprietary and patented Allowash XG® technology. This technology provides a sterility assurance level of 10^{-6} , without compromising the implant's inherent osteoconductive properties¹
- **Fully hydrated, Ambient Storage:** Vertigraft Allograft VG1 features Preservon®, a proprietary, glycerol-based preservation technology that allows allograft bio-implants to be stored in a fully hydrated state at ambient temperature. Preservon eliminates lengthy rehydrating times, and does not require freezer storage²
- Solid asymmetrical design optimizes bone and graft contact area of the resected lateral mass and lamina
- Size specific allografts maximize fit and fill options to accommodate the appropriate amount of decompression needed

References

1. Eisenlohr LM. "Allograft Tissue Sterilization Using Allowash XG®" 2007 Bio-Implants Brief.
2. Independent sources include the Virginia Commonwealth University Medical Center and the American Association of Mechanical Engineers. Data on file at LifeNet Health, Virginia Beach, VA.





VG1 Laminoplasty 5 year shelf life

Preservon	Height*	Width*	Length*
VG1 LAM4B	6 mm	9 mm	4 mm
VG1 LAM6B	6 mm	9 mm	6 mm
VG1 LAM8B	6 mm	9 mm	8 mm
VG1 LAM10B	6 mm	9 mm	10 mm
VG1 LAM12B	6 mm	9 mm	12 mm

*Nominal Dimension



Proper allograft plate orientation.

The constrained end should contact the lamina while the semi constrained side of the allograft comes into contact with the lateral mass. The single wing is positioned superior adjacent to the plate.

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